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PTO/SB/05 (12/97)

Approved for use through 09/30/00. OMB 0651-0032

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UTILITY PATENT APPLICATION TRANSMITTAL
(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 003932.P007

Total Pages 5

First Named Inventor or Application Identifier Julian Sinai

Express Mail Label No. EL370842765US

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, D. C. 20231

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. X Fee Transmittal Form
(Submit an original, and a duplicate for fee processing)
2. X Specification (Total Pages 55)
(preferred arrangement set forth below)
 - Descriptive Title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claims
 - Abstract of the Disclosure
3. X Drawings(s) (35 USC 113) (Total Sheets 15)
4. X Oath or Declaration (Total Pages 5 unsigned)
 - a. Newly Executed (Original or Copy)
 - b. Copy from a Prior Application (37 CFR 1.63(d))
(for Continuation/Divisional with Box 17 completed) (**Note Box 5 below**)
 - i. DELETIONS OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
5. Incorporation By Reference (useable if Box 4b is checked)
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. Microfiche Computer Program (Appendix)

\mathbb{P}^n and \mathbb{P}^m are projective spaces of dimension n and m respectively. The map ϕ is a linear map from \mathbb{P}^n to \mathbb{P}^m . The image of ϕ is a subvariety of \mathbb{P}^m . The kernel of ϕ is a linear subspace of \mathbb{P}^n . The rank of ϕ is the dimension of the image of ϕ . The nullity of ϕ is the dimension of the kernel of ϕ . The rank-nullity theorem states that the rank of ϕ plus the nullity of ϕ is equal to the dimension of \mathbb{P}^n .

8.	<u> </u>	Assignment Papers (cover sheet & documents(s))
9.	<u> </u>	a. 37 CFR 3.73(b) Statement (where there is an assignee)
	<u> </u>	b. Power of Attorney
10.	<u> </u>	English Translation Document (if applicable)
11.	<u> X </u>	a. Information Disclosure Statement (IDS)/PTO-1449
	<u> X </u>	b. Copies of IDS Citations
12.	<u> </u>	Preliminary Amendment
13.	<u> X </u>	Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
14.	<u> </u>	a. Small Entity Statement(s)
		b. Statement filed in prior application, Status still proper and desired
15.	<u> </u>	Certified Copy of Priority Document(s) (if foreign priority is claimed)
16.	<u> X </u>	Other: Express certificate of mailing

18. **Correspondence Address**

or

☒ Correspondence Address Below

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